

**ENGINEERING CHANGE NOTICE**  
**DART AEROSPACE LTD**

Date: 19.06.27	Job No.: RB18-ROLLS ROYCE	ADR Yes/No: N	ADR Date: <i>WJ</i>	ECN #: 19- 755
Product No.: DART TOOLING ROLLS ROYCE		Created By: VM	Approved By: <i>WJ</i>	
Product Name: TURBINE FRONT BEARING PULLER		Checked By: <i>hett</i>		

Reason for Change:  
PRODUCTION ISSUES

Documents Released:

RB6872882 REV G

IF APPLICABLE:    NCR: \_\_\_\_\_    PAR: \_\_\_\_\_    CAR: \_\_\_\_\_    CIR: \_\_\_\_\_    URF: 19-755

PAPERWORK UPDATE ☐    PARTS MUST COMPLY ☒    PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance / Customer Support Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Airbus	N			
3	Notify Leonardo	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatability Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10		N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	Y	MD		<i>md. 19.06.27</i>
12	Update Product Specification Files (Bluefiles)	N			
13	Update Approved/Preliminary Dwg PDF Files	Y	MD		<i>md. 19.06.27</i>
14	Update Product Development Summary (STC applications)	N			
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	N			
16	Create/Update Parts / STC Database	Y	MD		<i>md. 19.06.27</i>
17	Update / Verify Authorized Release Certificate Database	Y	MD		<i>md. 19.06.27</i>
18	Create / Update Change Record Form / Item Card Database	Y	MD		
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	N			
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

PLACE RB6872882 REV 5 SUPERCEED FOLDER  
RELEASE RB6872882 REV G DRAWING  
CLOSE URF 19-755  
PARTS MUST COMPLY TO REV G, IF NOT SCRAP / REWORK

*done 19-06-28*  
*waiting on B+R's*

ECN Verified & Complete: \_\_\_\_\_ Date: \_\_\_\_\_

## Linda Lacelle

---

**From:** Linda Lacelle  
**Sent:** Friday, June 28, 2019 7:33 AM  
**To:** Daniel Paquette; John Chuprun; Rachel Maloney  
**Cc:** Jean-Luc Menard; Jean Francois Sauve; David Duval; Holly Zhao; Konrad Sauve; Lisa McMachen; Marc Bellavance; Marcel Daviau; Robert Aboud; Sian Willems; Ross Black; Virginie Legault; Support; Support; Steven Hemmerich; Steven Drouin; Michelle GagnonDonovan  
**Subject:** RE: ECN 19-755 (RB6872882)  
**Attachments:** SKM\_C224e\_Q19062806320.pdf

John,  
Looking at the drwg, I believe all parts need to be scrapped (pls see attached)

Dan,  
Have one sold. Please let me know when B & R's are done

L

---

**From:** Michelle GagnonDonovan <mgagnondonovan@dartaero.com>  
**Sent:** Thursday, June 27, 2019 3:18 PM  
**To:** Daniel Paquette <dpaquette@dartaero.com>; David Duval <dduval@dartaero.com>; Holly Zhao <hzhao@dartaero.com>; Jean Francois Sauve <jfsauve@dartaero.com>; Jean-Luc Menard <jmenard@dartaero.com>; John Chuprun <jchuprun@dartaero.com>; Konrad Sauve <ksauve@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>; Lisa McMachen <lmcmachen@dartaero.com>; Marc Bellavance <mbellavance@dartaero.com>; Marcel Daviau <mdaviau@dartaero.com>; Marie Lajeunesse <mlajeunesse@dartaero.com>; Patrick Duval <pduval@dartaero.com>; Rachel Maloney <rmaloney@dartaero.com>; Robert Aboud <raboud@dartaero.com>; Ross Black <rblack@dartaero.com>; Sian Willems <swillems@dartaero.com>; Steven Drouin <sdrouin@dartaero.com>; Steven Hemmerich <shemmerich@dartaero.com>; Support <support@dartaero.com>; Support <support@dartaero.com>; Virginie Legault <vlegault@dartaero.com>  
**Subject:** ECN 19-755 (RB6872882)

Hello,

Please find a copy of ECN 19-755 attached.

Thanks,

Michelle Gagnon-Donovan

## Linda Lacelle

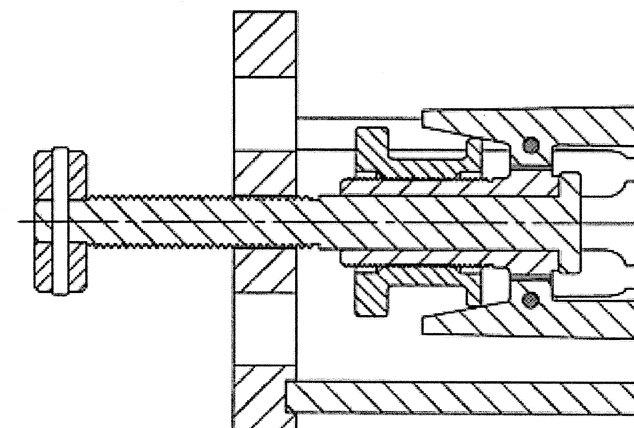
---

**From:** Linda Lacelle  
**Sent:** Friday, June 28, 2019 7:36 AM  
**To:** Daniel Paquette; John Chuprun; Rachel Maloney; Guillaume Auclair; Mathieu Lamarche  
**Cc:** Jean-Luc Menard; Jean Francois Sauve; David Duval; Holly Zhao; Konrad Sauve; Lisa McMachen; Marc Bellavance; Marcel Daviau; Robert Aboud; Sian Willems; Ross Black; Virginie Legault; Support; Support; Steven Hemmerich; Steven Drouin; Michelle GagnonDonovan  
**Subject:** RE: ECN 19-755 (RB6872882)

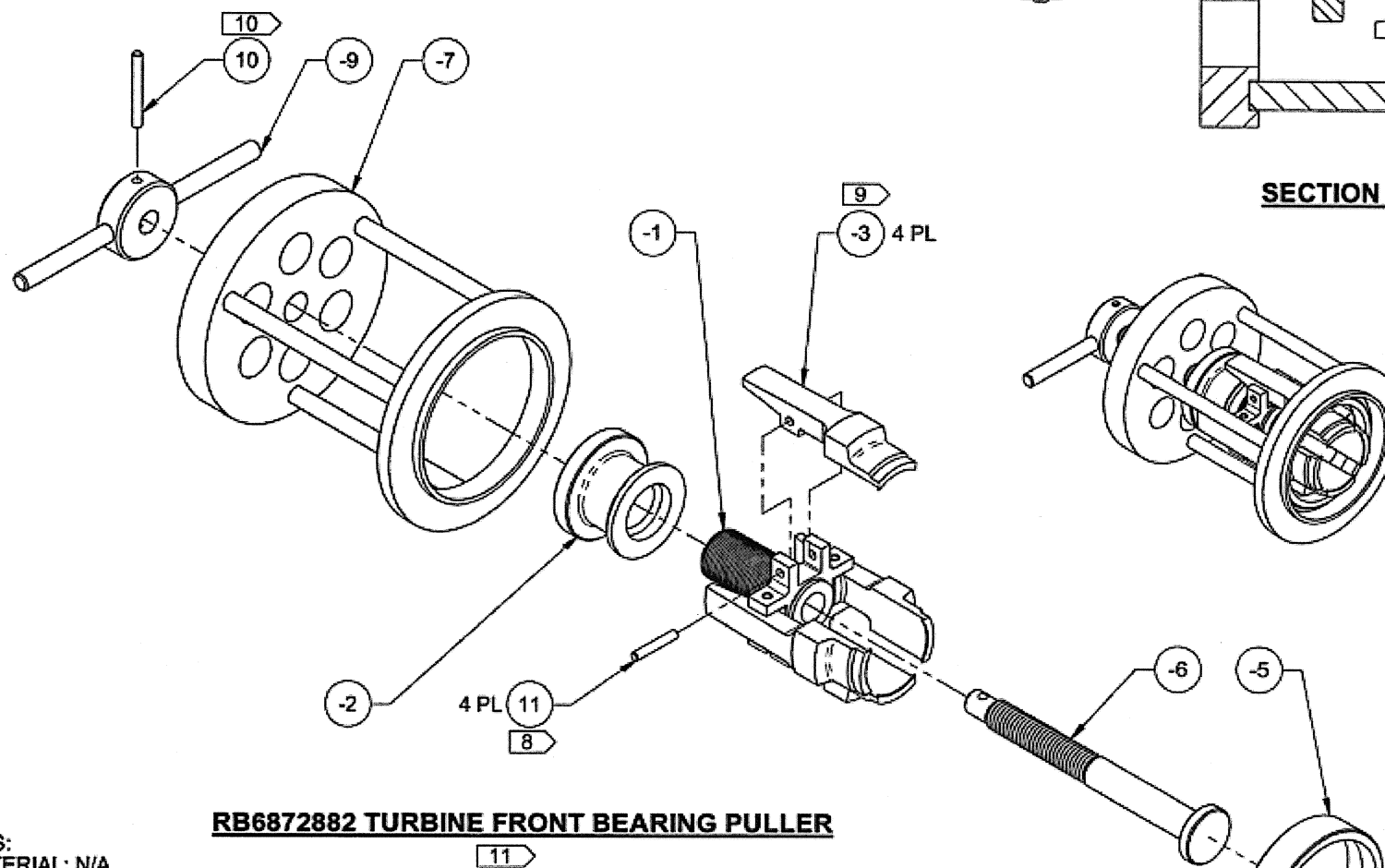
As well, there is an open job for RB6872882-1 – Job 183461 at QC8 – I believe these need to be scrapped – at machining

Job ▲ ▼	Part ▲ ▼	Part Name	Description	Job Qty	Job Prod	Inv Qty	Job Alloc	Job
<u>183461</u>	<u>RB6872882-1</u>	Adjusting Screw		7 pcs	7	<u>1</u>	<u>1</u>	SOLD
<b>Jobs:</b>	<b>1</b>							

ITEM #	QTY	PART #	PART TITLE
-1	1	RB6872882-1	ADJUSTING SCREW
-2	1	RB6872882-2	ADJUSTING NUT
-3	4	RB6872882-3	FINGER
-5	1	RB6872882-5	RING
-6	1	RB6872882-6	JACK SCREW
-7	1	RB6872882-7	BODY WELDMENT
-9	1	RB6872882-9	HANDLE WELDMENT
10	1	McMaster#98381A515 OR EQUIV	STEEL DOWEL PIN 3/16" DIA. X 1-3/4" LG.
11	4	McMaster#98381A511 OR EQUIV	STEEL DOWEL PIN 3/16" DIA. X 1-1/8" LG.













**SECTION A-A**



**RB6872882 TURBINE FRONT BEARING PULLER**

NOTES:  
1) MATERIAL: N/A

Operation Number	Operation	Container No	Job	Master Unit Number	Quantity	Weight	Serial No/Batch	Location	Container	Status	Added	Special Comments	Label	Supplier	Change No	Expiration Date	Inventory Type
<b>Part Number: RB6872882-1 Revision: Adjusting Screw</b>																	
150	QC 2	S117849	183461		7 pcs	0	S117849	QC2 Machining-5		WIP	10/12/2018	*					False
<b>Operation Totals:</b>					7	0											
<b>Part Totals:</b>					7	0											
<b>Part Number: RB6872882-2 Revision: Adjusting Nut</b>																	
160	QC 21 - SA	S119975	184734		7 pcs	0	S119975	GA140D	Bin	Stock	10/20/2018	*					False
<b>Operation Totals:</b>					7	0											
<b>Part Totals:</b>					7	0											
<b>Part Number: RB6872882-3 Revision: Finger</b>																	
130	QC 2	S118981	183463		28 pcs	0	S118981	QC2 Machining-5		WIP	10/16/2018	*					False
<b>Operation Totals:</b>					28	0											
<b>Part Totals:</b>					28	0											
<b>Part Number: RB6872882-5 Revision: Ring</b>																	
190	QC 21 - SA	S118916	183464		7 pcs	0	S118916	GA140D	Bin	Stock	10/16/2018	*					False
<b>Operation Totals:</b>					7	0											
<b>Part Totals:</b>					7	0											
<b>Part Number: RB6872882-6 Revision: Jack Screw</b>																	
220	QC 21 - SA	S120243	183465		7 pcs	0	S120243	GA140D	Bin	Stock	10/22/2018	*					False
<b>Operation Totals:</b>					7	0											
<b>Part Totals:</b>					7	0											
<b>Part Number: RB6872882-7 Revision: Body Weldment</b>																	
190	QC 21 - SA	S120189	183466		2 pcs	0	S120189	GA140D	Bin	Stock	10/22/2018	*					False
<b>Operation Totals:</b>					2	0											
<b>Part Totals:</b>					2	0											
<b>Part Number: RB6872882-7A Revision: Body Bottom</b>																	
220	QC 21 - SA	S118382	183467		6 pcs	0	S118382	WARB-06	Bin	Stock	10/15/2018	*					False
<b>Operation Totals:</b>					6	0											
<b>Part Totals:</b>					6	0											
<b>Part Number: RB6872882-7B Revision: Body Column</b>																	
150	QC 21 - SA	S117186	183468		12 pcs	0	S117186	WARB-06	Bin	Stock	10/11/2018	*					False
<b>Operation Totals:</b>					12	0											
<b>Part Totals:</b>					12	0											
<b>Part Number: RB6872882-9A Revision: Handle Spoke</b>																	
160	QC 21 - SA	S117535	183471		12 pcs	0	S117535	WARB-06	Bin	Stock	10/11/2018	*					False
<b>Operation Totals:</b>					12	0											
<b>Part Totals:</b>					12	0											
<b>Part Number: RB6872882-9B Revision: Handle Hub</b>																	
160	QC 21 - SA	S118171	183472		6 pcs	0	S118171	WARB-06	Bin	Stock	10/15/2018	*					False
<b>Operation Totals:</b>					6	0											
<b>Part Totals:</b>					6	0											
<b>Totals:</b>					10	0											